

ABSTRACT

A photosensitive resin composition for forming a laser engravable printing element, comprising: (a) 100 parts by weight of a resin which is in a solid state at 20 °C, wherein the resin has a number average molecular weight of from 5,000 to 300,000, (b) 5 to 200 parts by weight of an organic compound having a number average molecular weight of less than 5,000 and having at least one polymerizable unsaturated group per molecule, and (c) 1 to 100 parts by weight of an inorganic porous material having an average pore diameter of from 1 to 1,000 nm, a pore volume of from 0.1 to 10 ml/g and a number average particle diameter of not more than 10 μ m.

A laser engravable printing element formed from the above-mentioned resin composition. A method for producing a laser engraved printing element by using the above-mentioned photosensitive resin composition.